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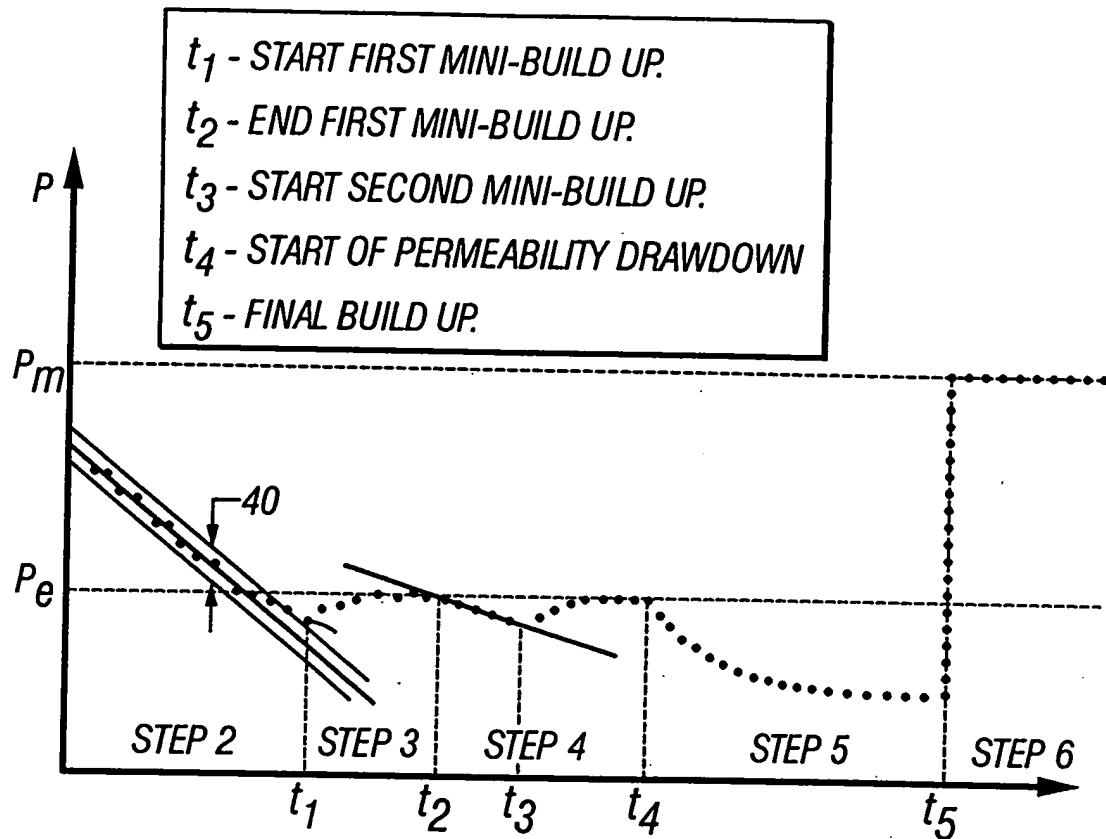
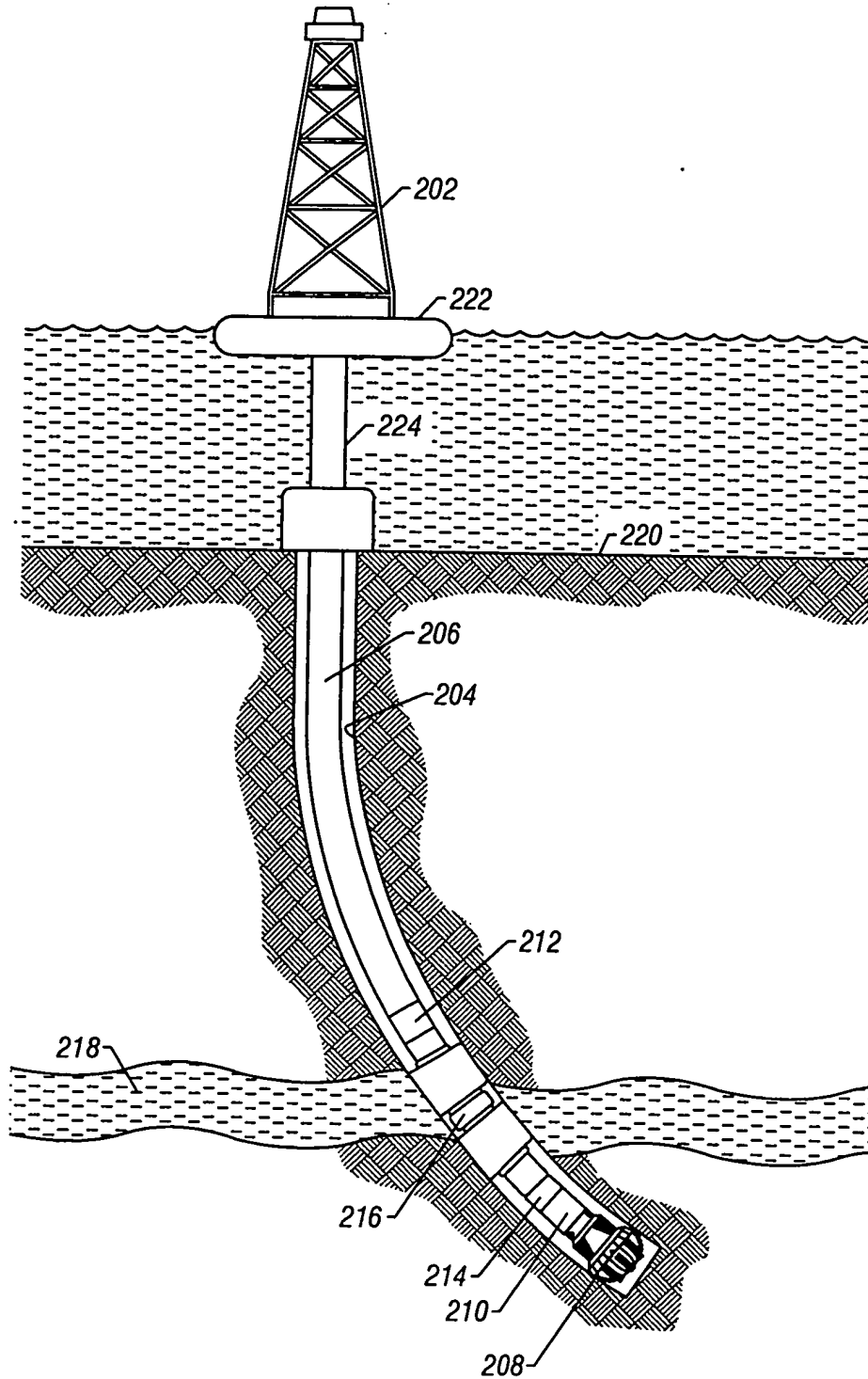
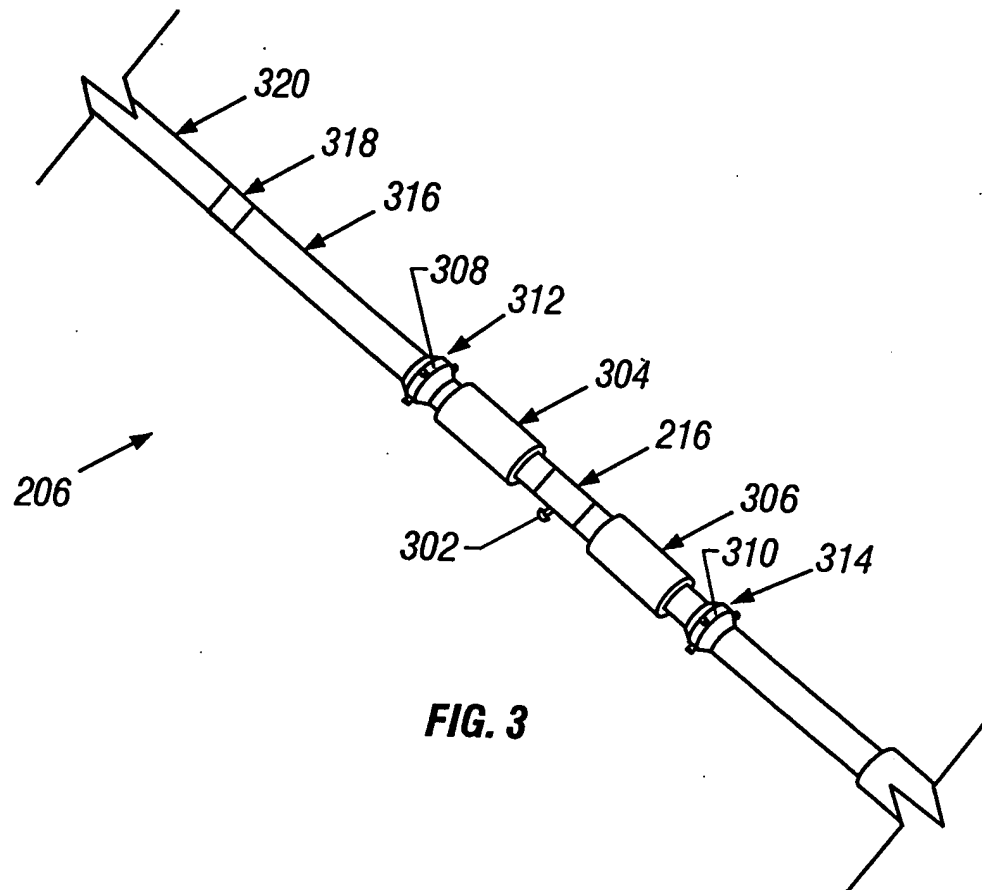
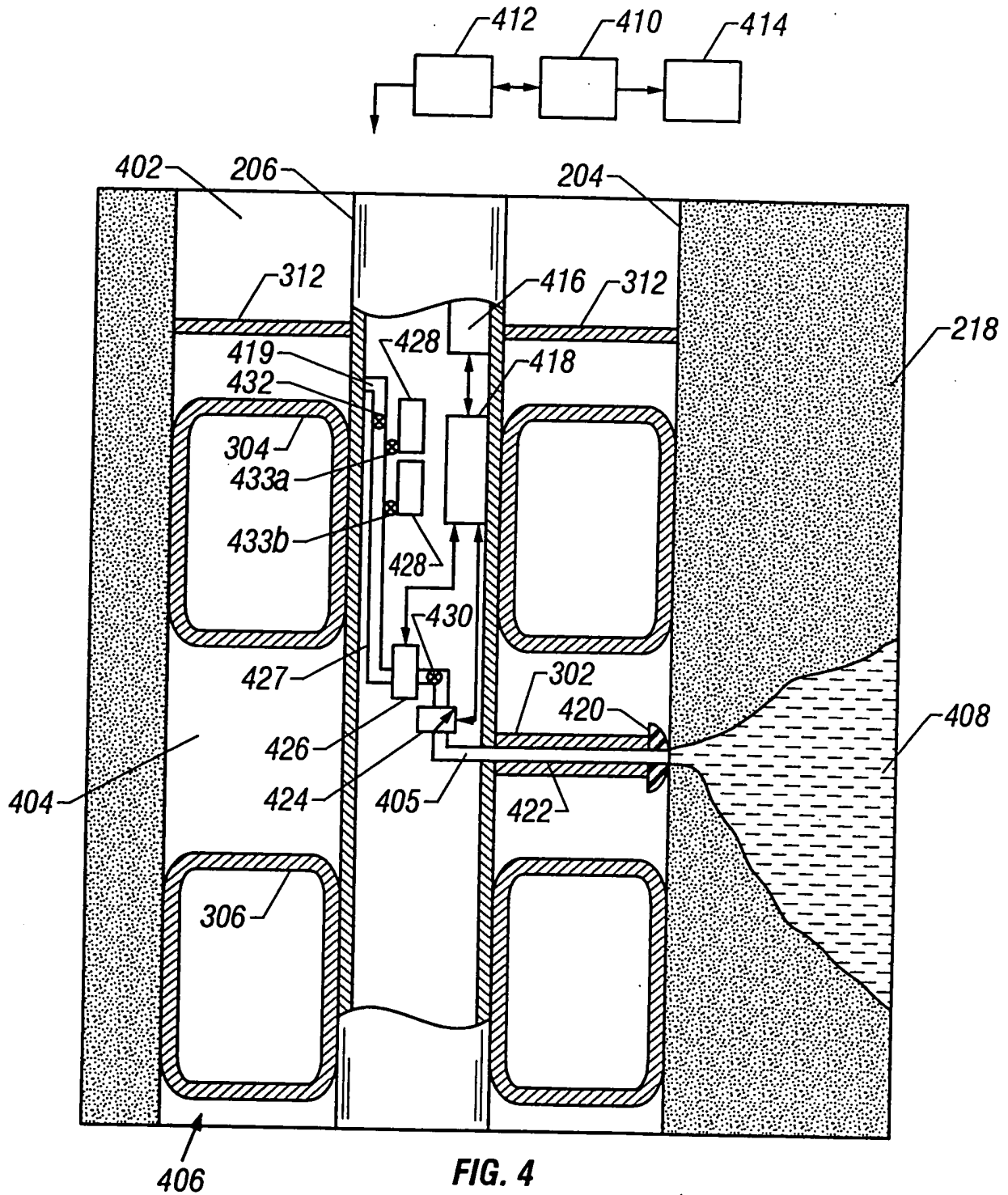


FIG. 1
(Prior Art)







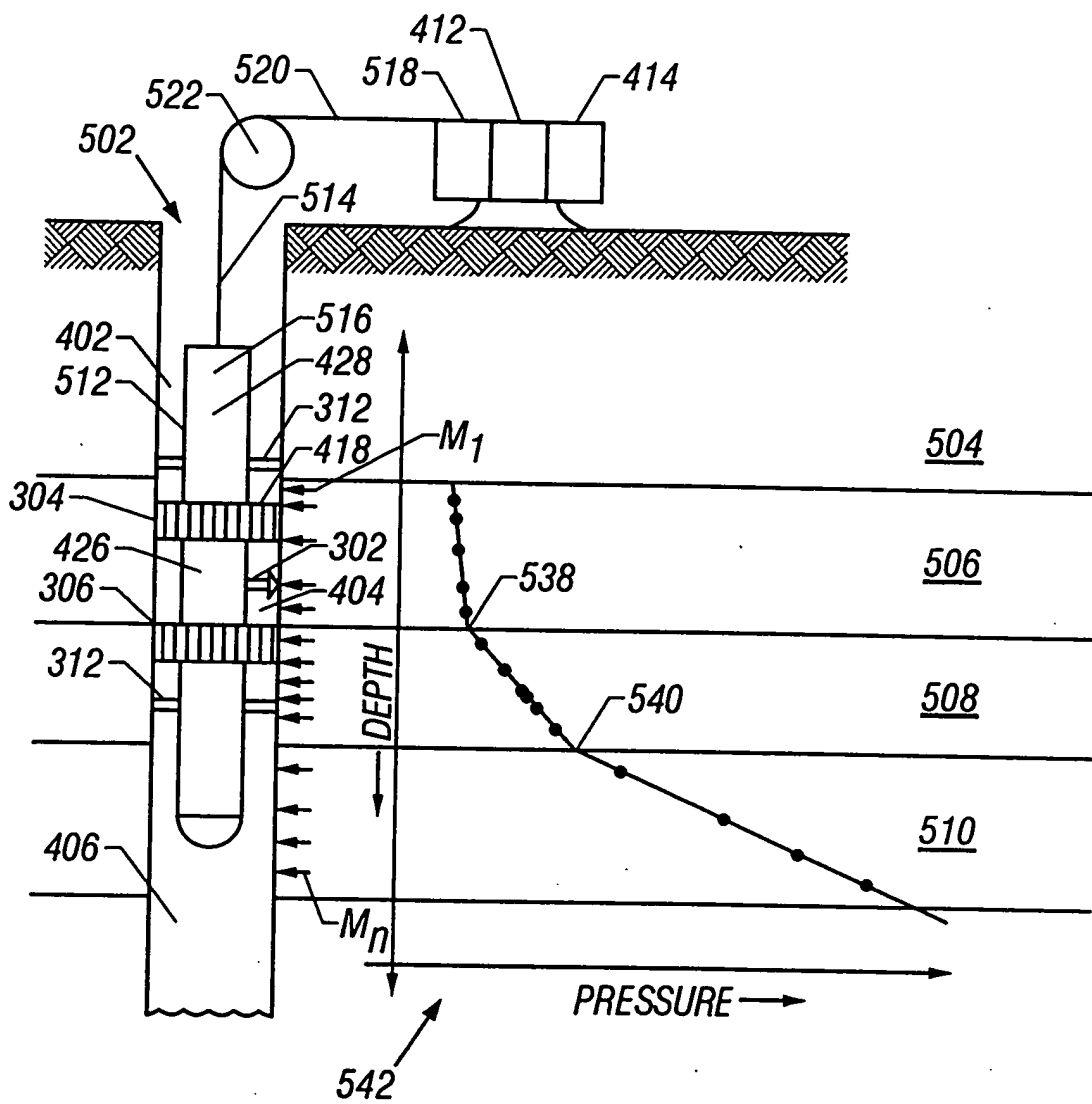


FIG. 5

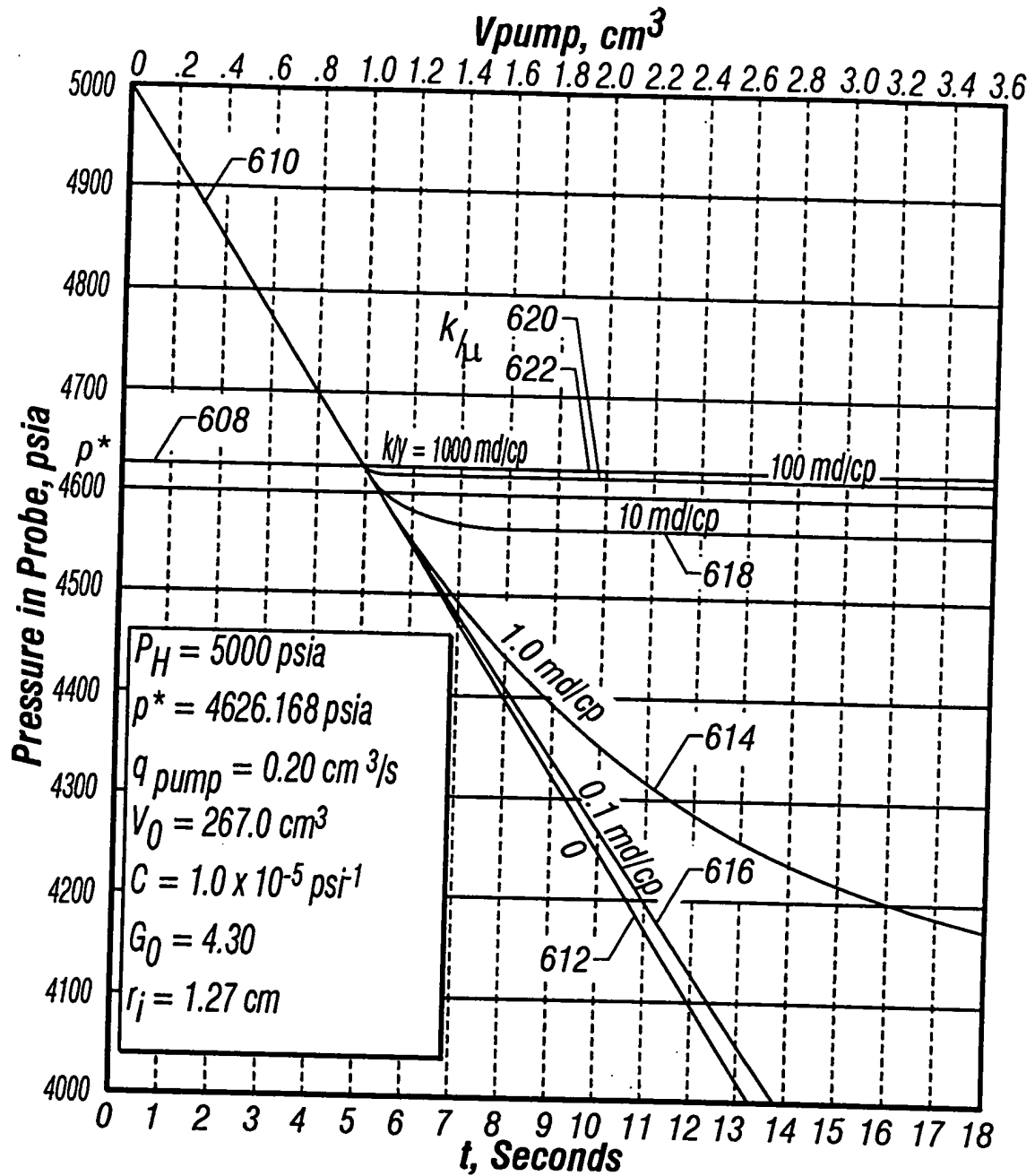


FIG. 6

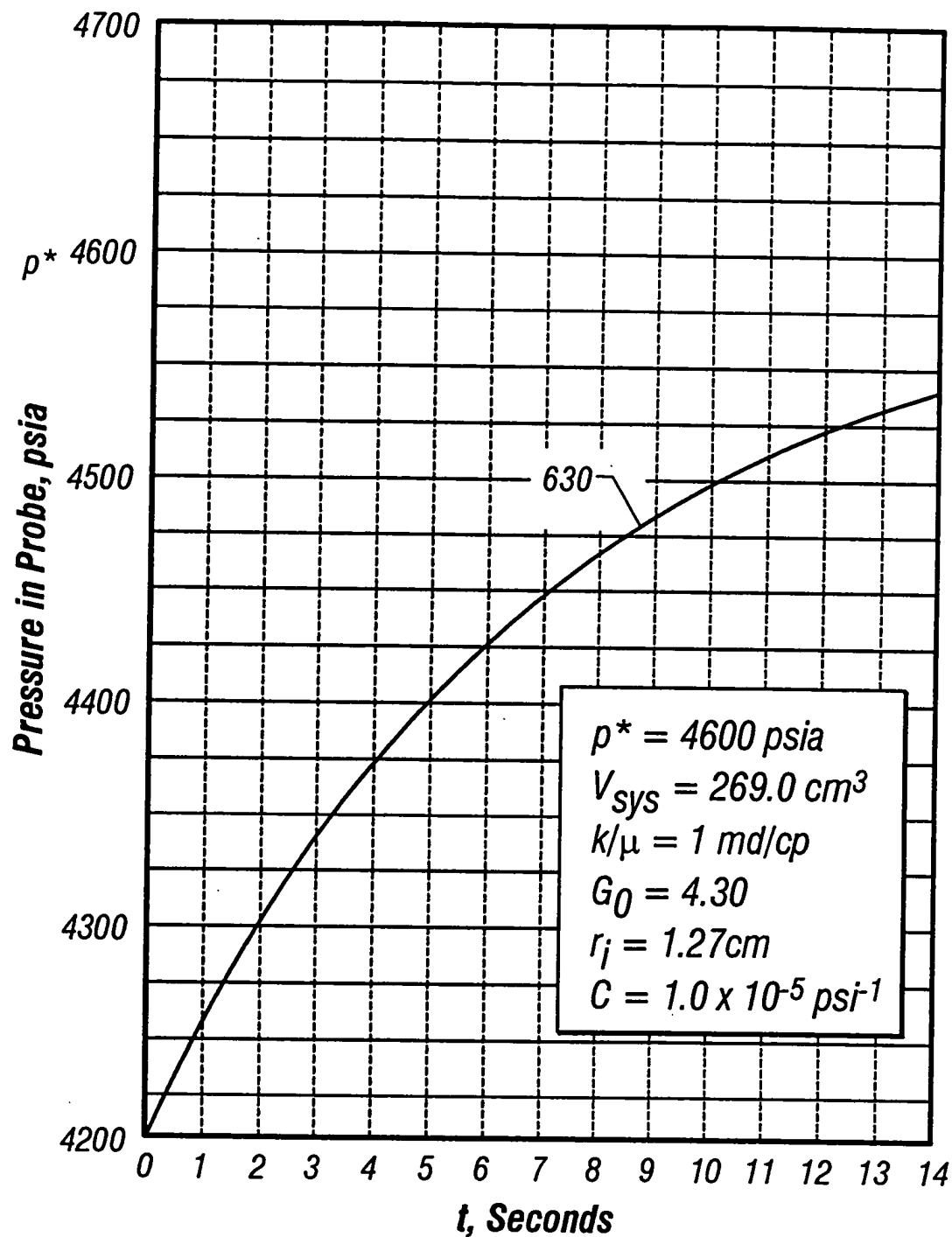


FIG. 7

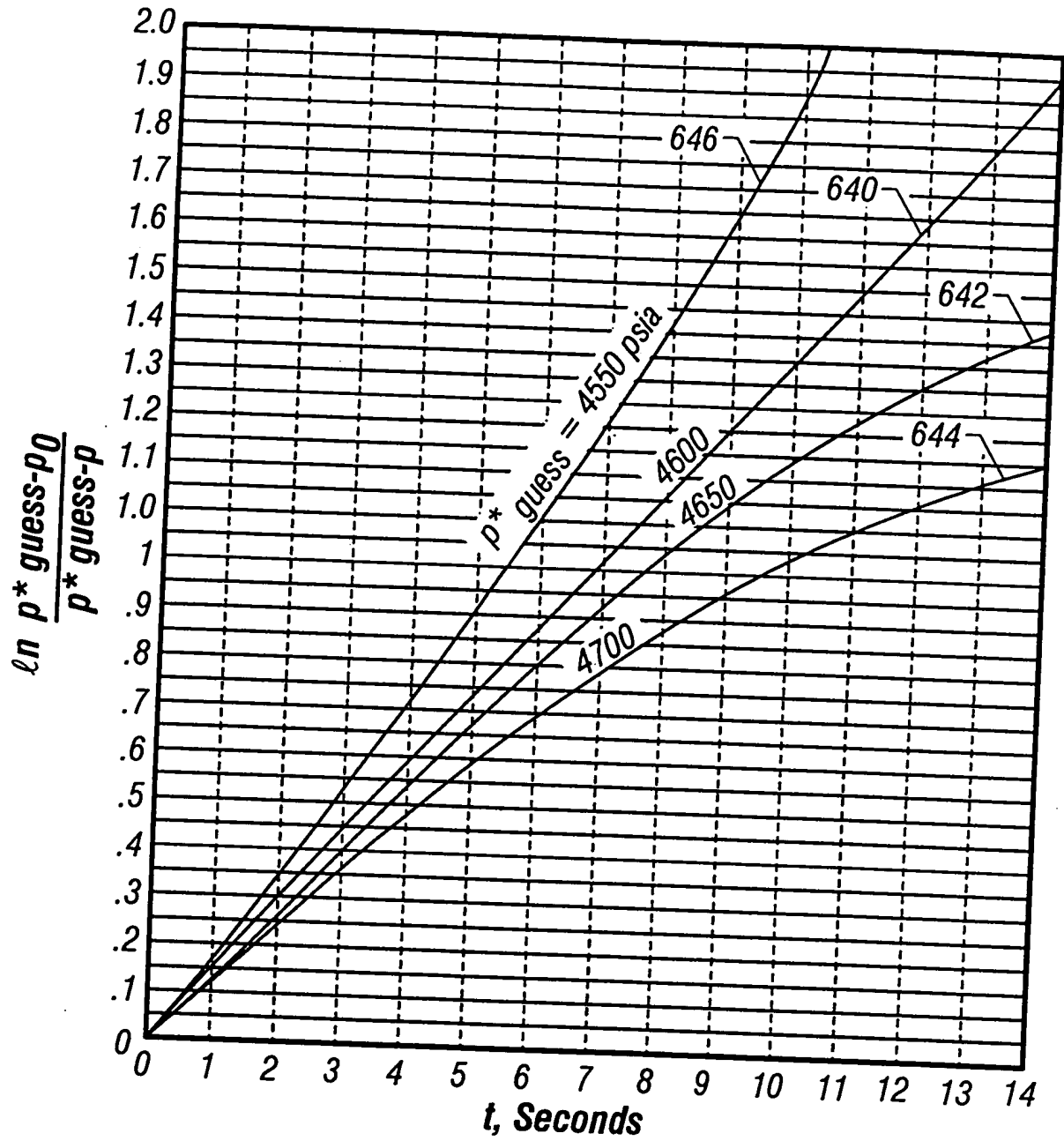


FIG. 8

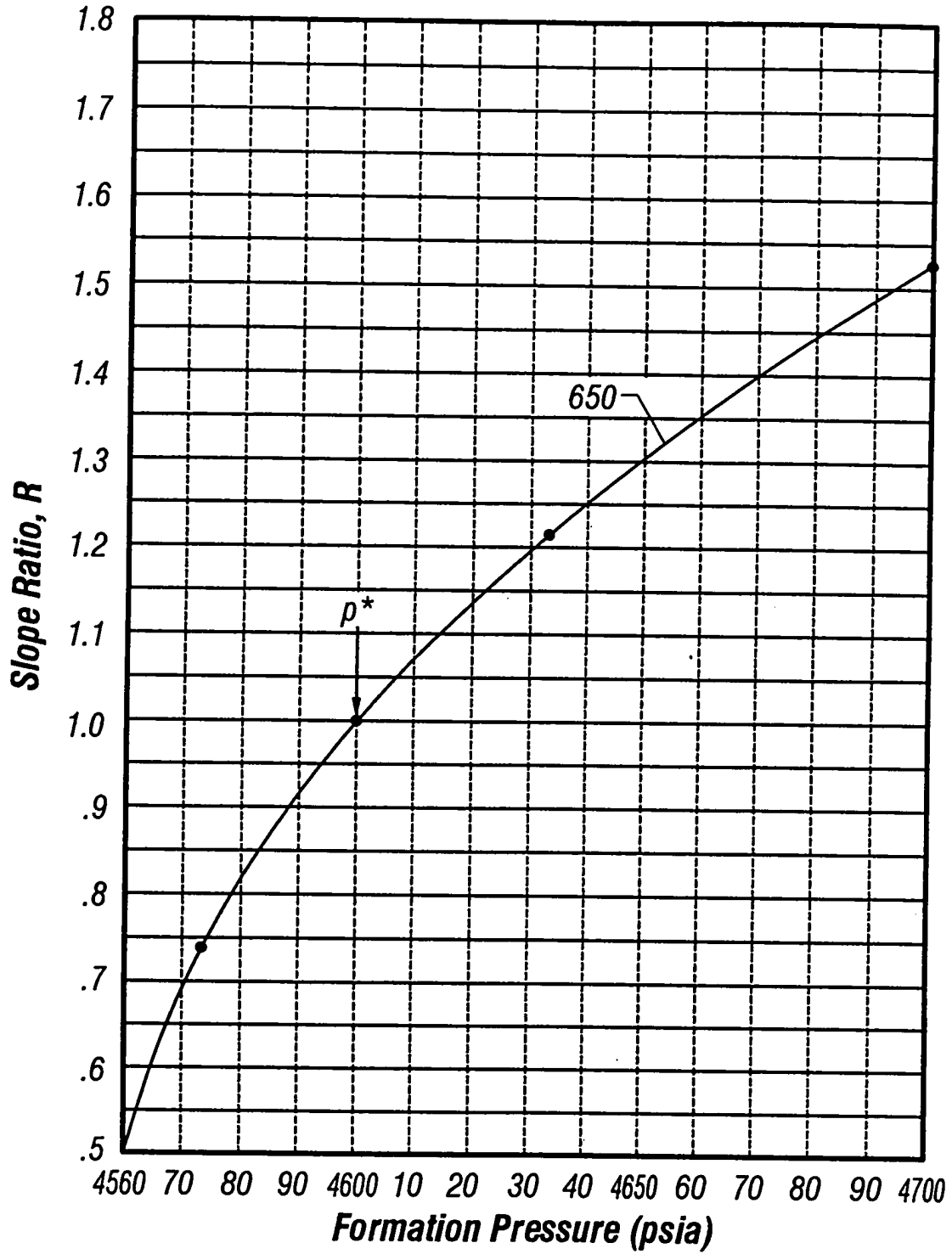
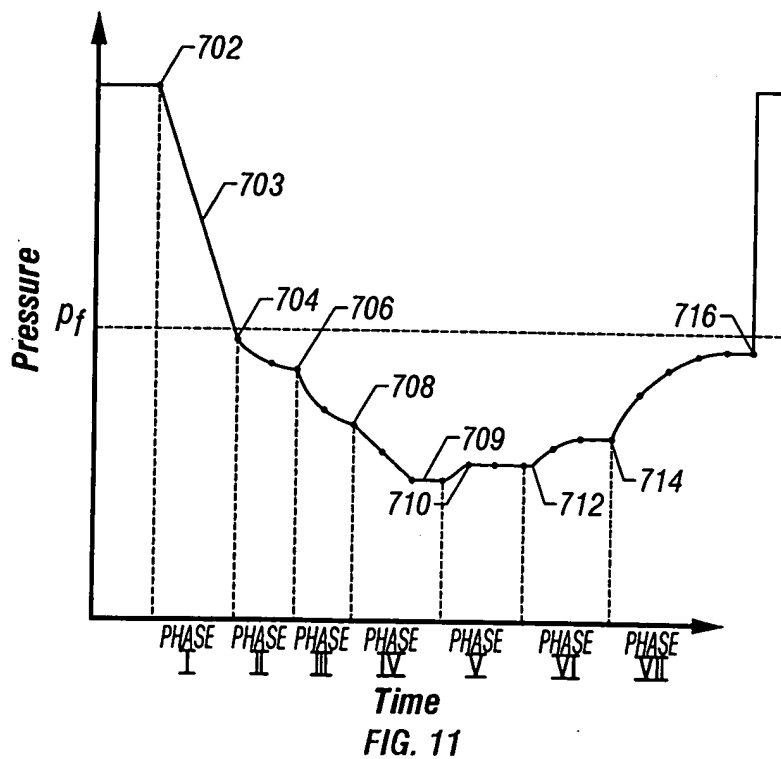
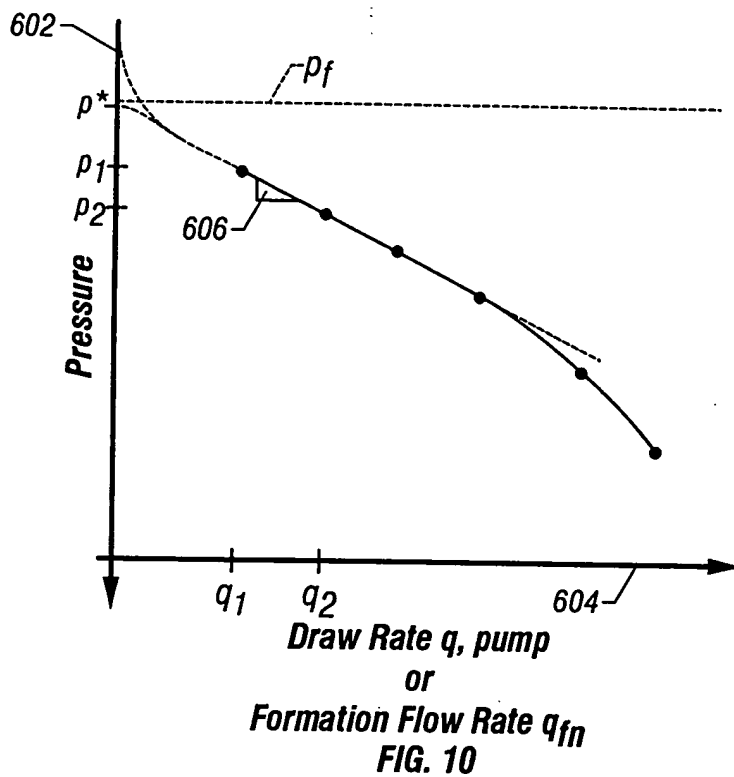
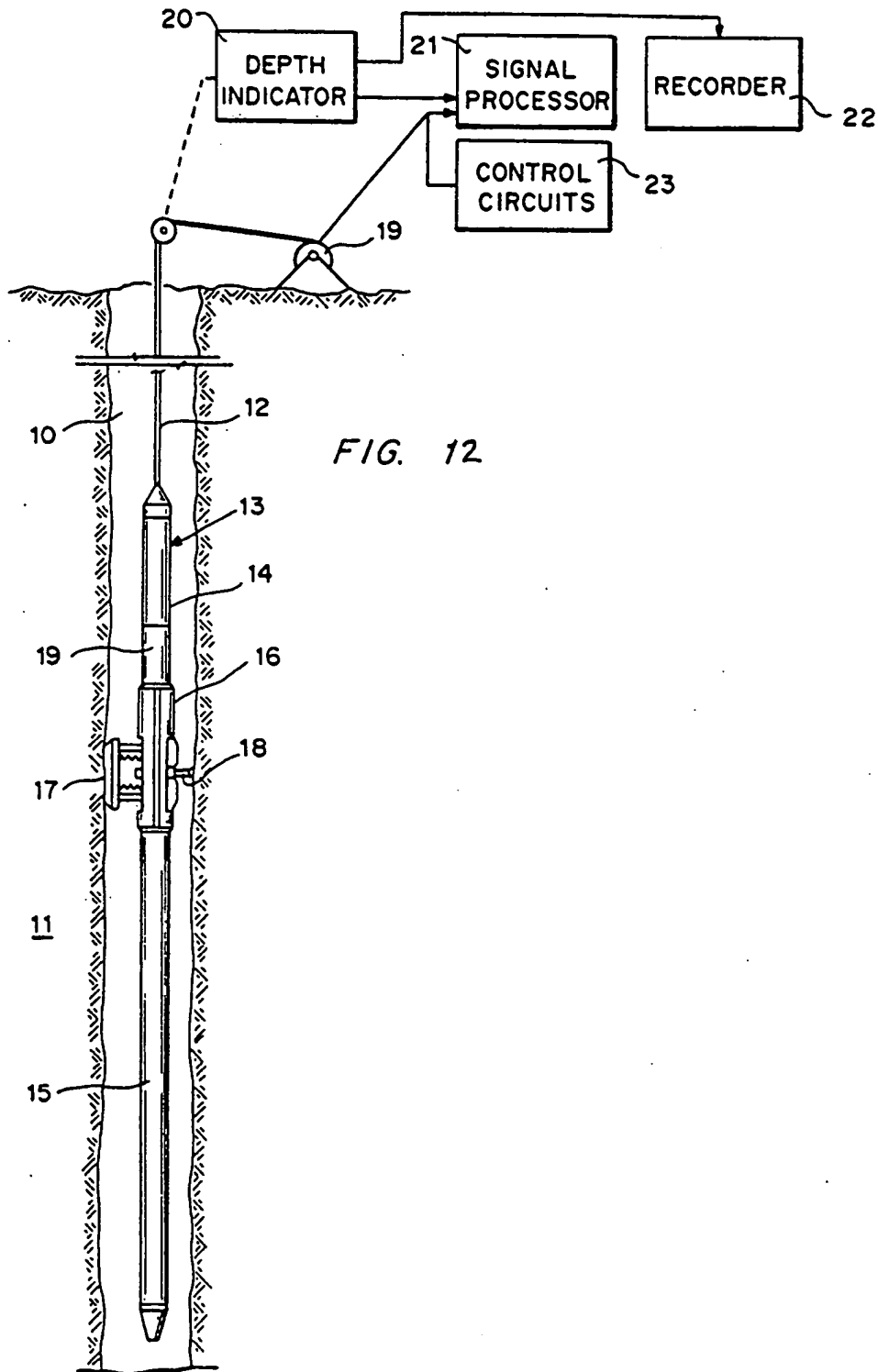
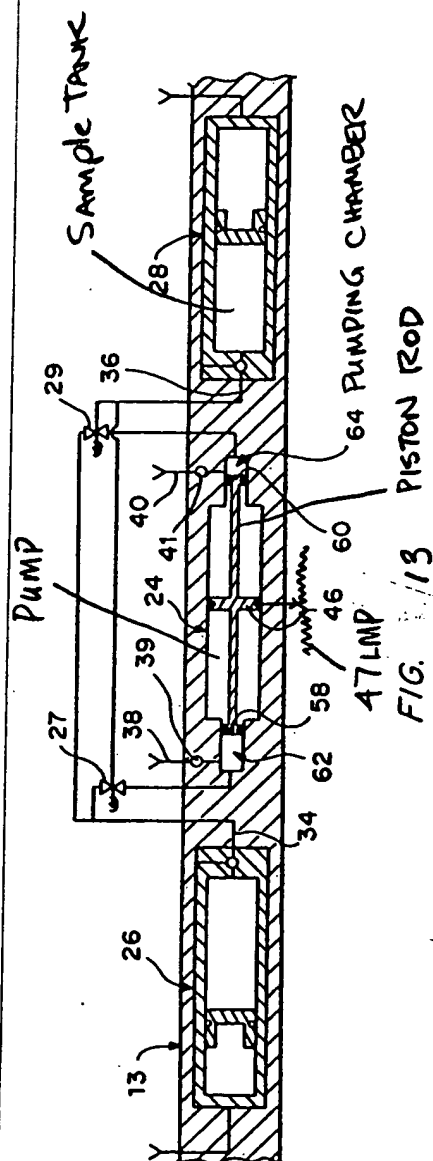


FIG. 9







1410 1412 1414 1416

1402 1404 1406 1408

	P* (psi)	Mobility (md/cp)	Ct (1/psi)	Correlation Coef.
First Stroke	4607.3	321.8	2.76E-5	0.99
Second Stroke	4606.4	335.7	1.73E-5	0.99
Third Stroke	4604.7	347.6	1.5E-5	0.99
Three combined	4606.9	334.1	2.0E-5	0.99

FIG. 14

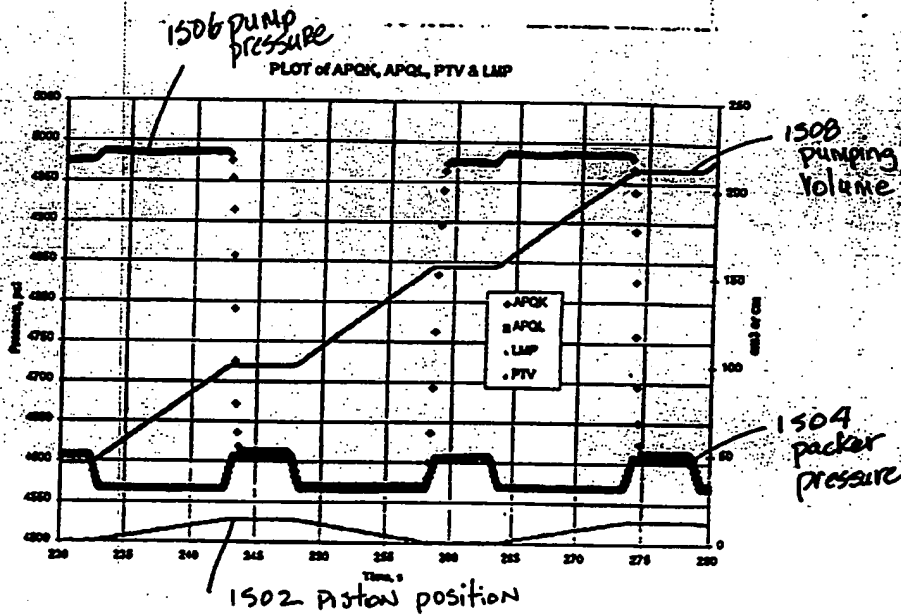


Fig. 15 History plot of pumping data used. Three strokes of BB pump.

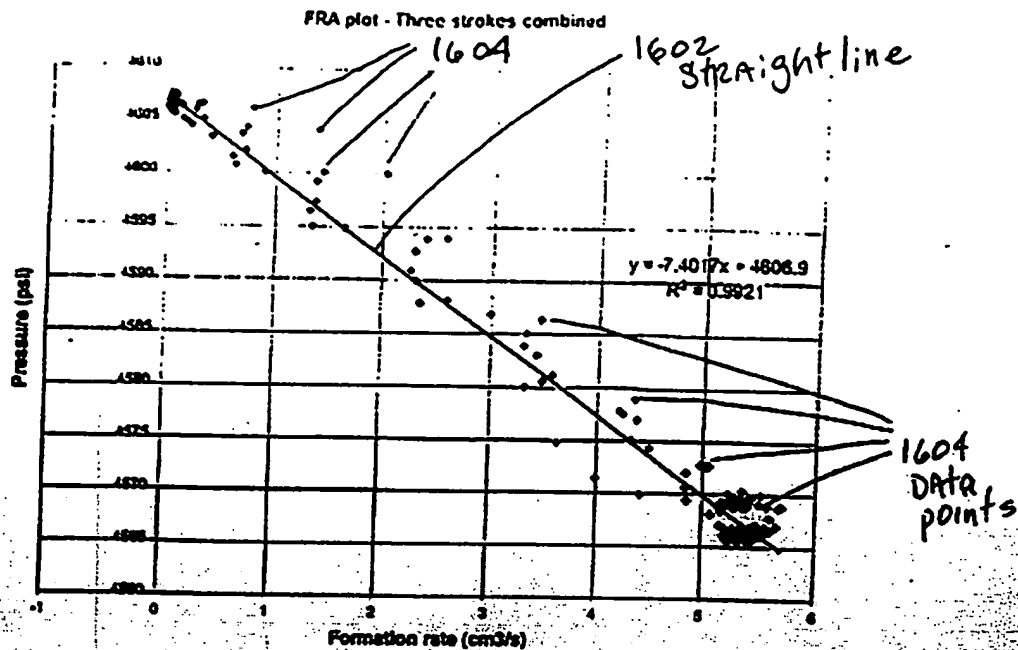


Fig. 16 FRA plot for the three strokes combined.

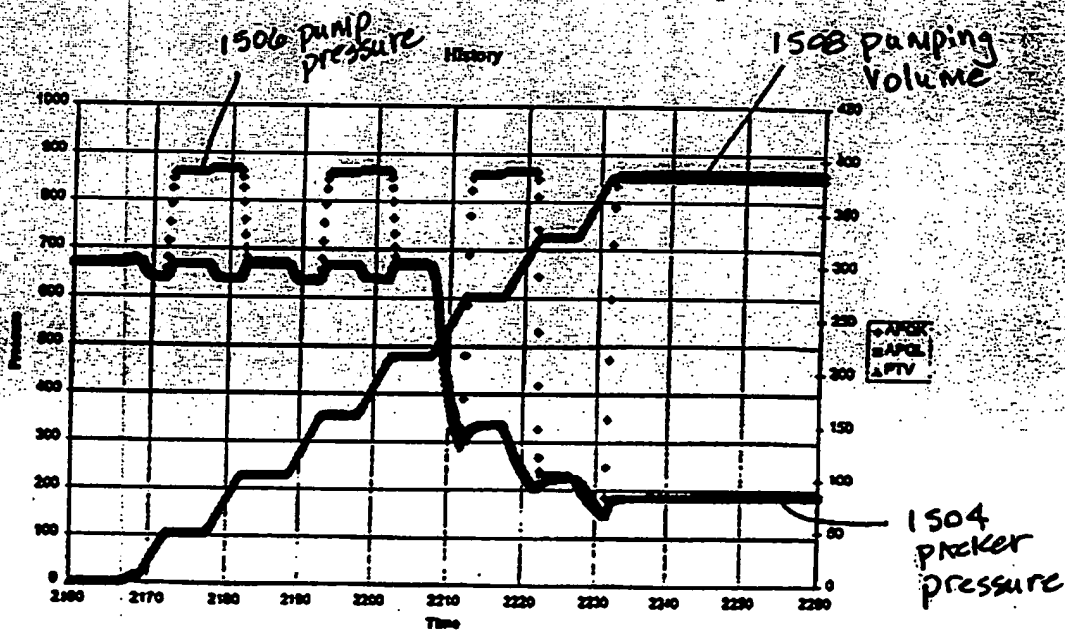


Fig. 17 Pumping history for example 2

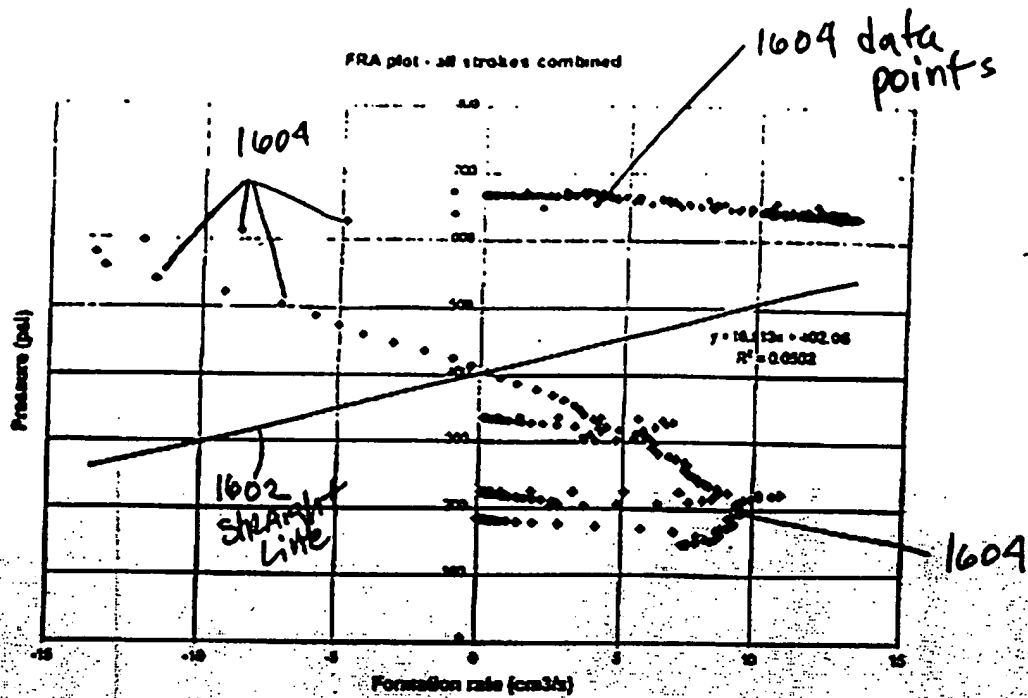


Fig. 18 FRA plot on all strokes, example 2

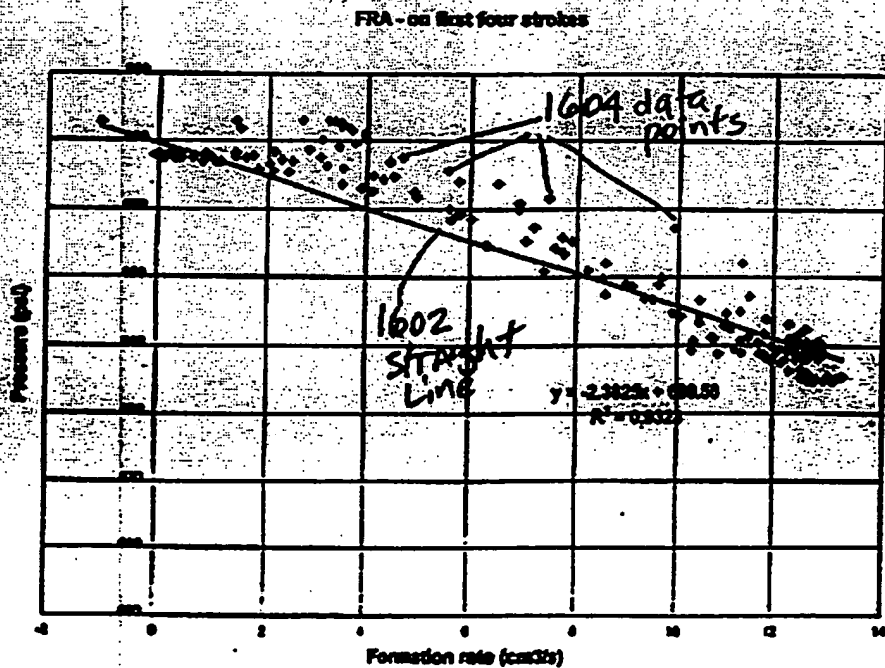


Fig. 19 FRA plot on the first a few good strokes of Example 2

Single Phase Sampling

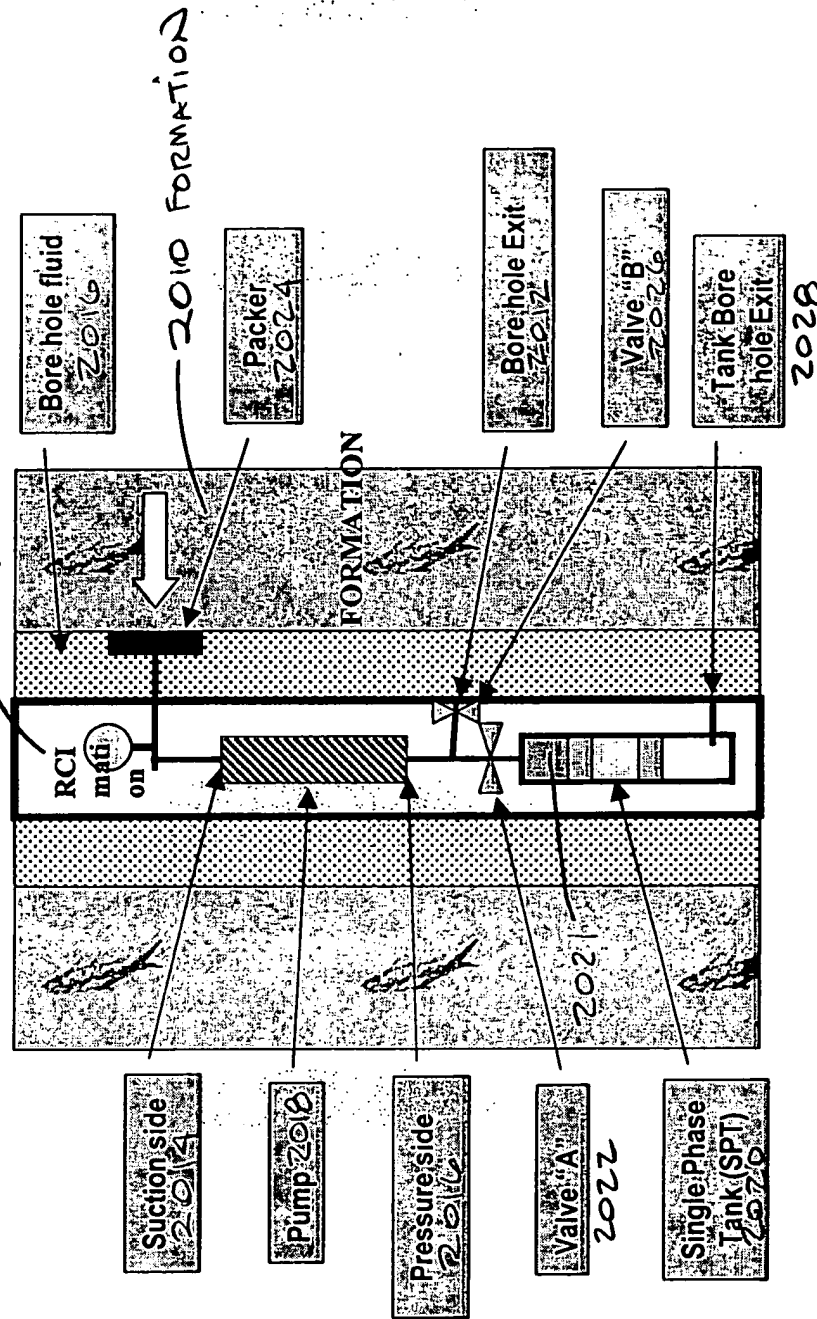


FIG 20